

What is claimed is:

1. A terminal device comprising a biometric data storing unit which stores a plurality of biometric data associated with a person, wherein at least one of said biometric data is used to authenticate said person.

2. A terminal device as claimed in claim 1, wherein said biometric data includes a plurality of kinds of biometric data.

3. A terminal device as claimed in claim 1, wherein said biometric data is feature point data extracted from biometric data.

4. A terminal device as claimed in claim 1, wherein said biometric data is encrypted biometric data.

5. A terminal device as claimed in claim 1, wherein when performing the authentication of said person, said biometric data to be used to authenticate said person is selected for output from said biometric data storing unit.

6. A terminal device comprising:

a biometric data storing unit which stores a plurality of biometric data associated with a person;

a biometric data acquisition unit which acquires biometric data;

a person authentication unit which authenticates said person based on said acquired biometric data and said biometric data stored in said biometric data storing unit; and

a biometric data output unit which selects and outputs designated biometric data from said biometric data storing unit when identify of said person has been authenticated by said person authentication unit.

7. A terminal device as claimed in claim 6, comprising a biometric data processing unit which edits and processes at least partially said biometric data selected from said biometric data storing unit, wherein said edited and processed biometric data is output.

8. A terminal device as claimed in claim 6,

comprising a biometric data converting unit which converts the format of said biometric data selected from said biometric data storing unit, wherein said format-converted biometric data is output.

9. A terminal device as claimed in claim 6, comprising a corresponding data generating unit which, from said biometric data selected from said biometric data storing unit, generates corresponding data having a certain bit length and corresponding to said biometric data, wherein

said generated corresponding data is output from said biometric data output unit.

10. A terminal device as claimed in claim 9, comprising a corresponding data parameter generating unit which generates a parameter to be used for generating said corresponding data.

11. A biometric authentication system comprising:

a terminal device having a biometric data storing unit which stores a plurality of biometric data associated with a person, and a biometric data transmitting unit which transmits out at least one of said biometric data; and,

an authentication device having a dictionary data storing unit which stores biometric data as dictionary data to be matched against, and a first person authentication unit which performs first person authentication based on said biometric data transmitted from said biometric data transmitting unit and said dictionary data stored in said dictionary data storing unit.

12. A biometric authentication system as claimed in claim 11, wherein said biometric data includes a plurality of kinds of biometric data.

13. A biometric authentication system as claimed in claim 11, wherein said terminal device comprises a biometric data acquiring unit which acquires biometric data, and a second person authentication unit which

performs second person authentication, wherein

said second person authentication is performed using said acquired biometric data and said biometric data stored in said biometric data storing unit and, when identity of said person has been authenticated, said biometric data to be used in said first person authentication unit is transmitted from said biometric data transmitting unit to said authentication device.

14. A biometric authentication system as claimed in claim 13, wherein said authentication device comprises a corresponding data generating unit which, based on said biometric data transmitted from said biometric data transmitting unit, generates corresponding data having a certain bit length and corresponding to said biometric data, wherein

specific dictionary data stored in said dictionary data storing unit is located by using said generated corresponding data, and said first person authentication unit performs said person authentication based on said specific dictionary data and said transmitted biometric data.

15. A biometric authentication system as claimed in claim 14, wherein when said person authentication based on said specific dictionary data cannot be performed, said authentication device performs said person authentication based on all of said dictionary data stored in said dictionary data storing unit and said transmitted biometric data.

16. A biometric authentication system as claimed in claim 13, wherein said terminal device includes a first biometric data processing unit which edits and processes at least partially said biometric data selected from said biometric data storing unit, and a first processing data storing unit which stores data that said first biometric data processing unit uses to edit and process said biometric data, and

said authentication device includes a

second biometric data processing unit which edits and processes said dictionary data at least partially, and a second processing data storing unit which stores data that said second biometric data processing unit uses to edit and process said dictionary data, and wherein

said first person authentication unit performs said person authentication based on said edited and processed biometric data and said edited and processed dictionary data.

17. A biometric authentication system as claimed in claim 13, wherein said authentication device comprises a conversion data storing unit which stores conversion data concerning said biometric data used in said first person authentication unit, and

said terminal device comprises a biometric data converting unit which converts the format of said biometric data stored in said biometric data storing unit, and wherein

said biometric data converting unit converts the format of said biometric data by using said format data transmitted from said conversion data storing unit, and said format-converted biometric data is transmitted to said authentication device.

18. A biometric authentication system comprising:

a terminal device having a biometric data storing unit which stores a plurality of biometric data associated with a person, a first corresponding data generating unit which generates corresponding data having a certain bit length and corresponding to specific biometric data selected from along said plurality of biometric data stored in said biometric data storing unit, and a corresponding data transmitting unit which transmits out said generated first corresponding data; and

an authentication device having a dictionary data storing unit which holds biometric data, as dictionary data to be matched against, a second

corresponding data generating unit which generates corresponding data having a certain bit length and corresponding to said dictionary data, and a first person authentication unit which performs first person authentication based on said transmitted first corresponding data and said second corresponding data.

19. A biometric authentication system as claimed in claim 18, wherein said terminal device includes a biometric data acquisition unit which acquires biometric data and a second person authentication unit which performs second person authentication, and wherein

said second person authentication is performed using said acquired biometric data and said biometric data stored in said biometric data storing unit and, when the identity of said person has been authenticated, said first corresponding data to be used in said first person authentication unit is transmitted to said authentication device.

20. A biometric authentication system as claimed in claim 19, wherein said terminal device includes a first corresponding data parameter generating unit which generates a corresponding data parameter to be used for generating said corresponding data, and wherein

said generated corresponding data parameter is not only used in said first corresponding data generating unit, but also transmitted to said authentication device and used in said second corresponding data generating unit.

21. A biometric authentication system as claimed in claim 19, wherein said authentication device includes a second corresponding data parameter generating unit which generates a corresponding data parameter to be used for generating said corresponding data, and wherein

said generated corresponding data parameter is not only used in said second corresponding data generating unit, but also transmitted to said terminal device and used in said first corresponding data

generating unit.

22. A biometric authentication system as claimed in claim 18, wherein said authentication device encrypts data that said person has by using said corresponding data used for the authentication of said person as an encryption key.

23. A biometric data acquisition device comprising a biometric data acquiring unit for acquiring a plurality of kinds of biometric data associated with a person, and a biometric data storing unit which transfers said biometric data acquired by said biometric data acquiring unit to a terminal device for storage therein.

24. A biometric data acquisition device as claimed in claim 23, wherein said biometric data storing unit extracts biometric data feature points from said acquired biometric data and stores said extracted feature points into said terminal device.

25. A biometric data acquisition device as claimed in claim 23, wherein said biometric data storing unit encrypts said acquired biometric data and stores said encrypted biometric data into said terminal device.

26. A biometric data acquisition system comprising:  
a terminal device having a biometric data storing unit for storing a plurality of kinds of biometric data associated with a person;

an authentication device which performs person authentication based on said biometric data transmitted from said terminal device; and

a biometric data acquisition device having a biometric data acquiring unit for acquiring said biometric data, an encryption unit which encrypts said biometric data by using an encryption key, and a decryption key storing unit which stores a decryption key, and wherein:

said biometric data associated with said person, acquired by said biometric data acquiring unit, is encrypted by said encryption unit and transferred to

said terminal device for storage in said biometric data storing unit, and when said encrypted biometric data stored in said terminal is transmitted to said authentication device, said authentication device decrypts said encrypted biometric data by using said decryption key stored in said decryption key storing unit of said biometric data acquisition device.

27. A biometric data acquisition system as claimed in claim 26, wherein when said decryption key is used by said authentication device, said biometric data acquisition device charges a fee to said authentication device for said use.

28. A biometric data acquisition system as claimed in claim 26, wherein said biometric data acquisition device charges a fee to said authentication device according to the number of times that said biometric data stored into said terminal device by said biometric data acquisition device is used by said authentication device.